IN THE CLAIMS:

The following listing of claims replaces all prior versions and listings of claims in the present application:

Listing of Claims:

1-19. (Cancelled)

20. (New) A hollow fiber membrane module comprising:

a plurality of sheet-form hollow fiber membranes,

an anchoring member in which at least an end of a side of a hollow fiber membrane opening of the plurality of sheet-form hollow fiber membranes is fastened by the anchoring member so that the plurality of sheet-form hollow fiber membranes are substantially parallel to each other while leaving the end open,

an end face of the anchoring member on a side where the hollow fiber membranes are exposed is substantially rectangular, and

an end face of the anchoring member on a side where the hollow fiber membranes open is substantially circular,

wherein the anchoring member has a substantially rectangular parallelepiped shape on a side where the hollow fiber membranes are exposed, and has a cylindrical section having a substantially cylindrical shape on a side where the hollow fiber membranes open,

the hollow fiber membrane module satisfies the relationship

$$1.0 \le \text{W/D} \le 2.0,$$

wherein W(mm) is a length of the longer side of the end face where the hollow fiber membrane is exposed to the rectangular parallelepiped section and D(mm) is a diameter of the cylindrical section.

- 21. (New) A hollow fiber membrane module according to claim 20, wherein a relationship $0.2 \le L/D \le 1.0$ is satisfied, where D (mm) is a diameter of the cylindrical section and L (mm) is a length of the cylindrical section.
 - 22. (New) A hollow fiber membrane module unit comprising:
- a plurality of hollow fiber membrane modules according to claim 20 each comprising:
- a plate member having a hole through which the cylindrical section passes is provided on a side surface of the hollow fiber membrane perpendicular to the sheet surfaces of sheet-form hollow fiber membranes, and the hollow fiber membrane module is fastened by the plate member.
- 23. (New) A hollow fiber membrane module unit according to claim 22, further comprising:
- a water collecting cap which engages the cylindrical section, and wherein the plate member is fastened between the cylindrical section and the water collecting cap.
- 24. (New) A hollow fiber membrane module unit according to claim 23, comprising:

wherein the cylindrical section and the water collecting cap are engaged by a screw.

25. (New) A hollow fiber membrane module unit, wherein a plurality of hollow fiber membrane module units according to claim 23 are stacked in a vertical direction, sheet surfaces of the sheet-form hollow fiber membranes are disposed in a vertical direction, the water collecting caps that adjoin each other in a vertical direction are connected to each other by a water collecting member that extends in a vertical direction,

and a side frame is disposed on a side face parallel to the sheet surfaces of the sheet-form hollow fiber membranes.

- 26. (New) A hollow fiber membrane module unit according to claim 25, wherein vertical spacing between the sheet-form hollow fiber membranes of a hollow fiber membrane module adjoin in a vertical direction is 70 mm or less.
- 27. (New) A membrane filter device, wherein the membrane filter device includes a membrane module unit is adapted to be disposed in a water tank,

the membrane module unit having a plurality of hollow fiber membrane modules, wherein

said hollow fiber membrane modules having a plurality of sheet-form hollow fiber membranes,

an anchoring member in which at least an end of a side of a hollow fiber membrane opening of the plurality of sheet- form hollow fiber membrane is fastened by the anchoring member so that the plurality of sheet-form hollow fiber membranes are substantially parallel to each other while leaving the end open,

an end face of the anchoring member on a side where the hollow fiber membranes are exposed is substantially rectangular, and an end face of the anchoring member on a side where the hollow fiber membranes open is substantially circular, and

the anchoring member has a rectangular parallelepiped section having a substantially rectangular parallelepiped shape on a side where the hollow fiber membranes are exposed, and a cylindrical section of substantially cylindrical shape on a side where the hollow fiber membranes open, and

the hollow fiber membrane module satisfies the relationship $1.0 \le W/D \le 2.0$

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wherein W(mm) is a length of the longer side of the end face where the hollow fiber membrane is exposed to the rectangular parallelepiped section and D(mm) is a diameter of the cylindrical section,

the filter membrane satisfy the following three relationships

 $1000 \le S/A \le 2000$ formula (1)

 $500 \le S/V \le 800$ formula (2)

 $0.70 \le V'/V \le 0.99$ formula (3),

wherein $S(m^2)$ is a membrane surface of the membrane module unit, $V'(m^3)$ is a volume of the membrane module unit and $V(m^3)$ is a volume of the water tank within wherein said membrane modules unit is to be disposed.

28. (New) A method for a membrane filtration, wherein in the method a membrane filter having a membrane module unit is placed in a water tank, said membrane module unit having a plurality of hollow fiber membrane modules,

said hollow fiber membrane module unit having an anchoring member in which at least an end of a side of a hollow fiber membrane opening of the plurality of sheet-form hollow fiber membrane is fastened by the anchoring member so that the plurality of sheet-form hollow fiber membranes are substantially parallel to each other while leaving the end open,

an end face of the anchoring member on a side where the hollow fiber membranes are exposed is substantially rectangular, and an end face of the anchoring member on a side where the hollow fiber membranes open is substantially circular,

the anchoring member having a rectangular parallelepiped section having a substantially rectangular parallelepiped shape on a side where the hollow fiber membranes are exposed, and a cylindrical section of substantially cylindrical shape on a side where the hollow fiber membranes open, the hollow fiber membrane module satisfies the relationship

$$1.0 \le \text{W/D} \le 2.0$$

wherein W(mm) is a length of the longer side of the end face where the hollow fiber membrane is exposed to the rectangular parallelepiped section and D(mm) is a diameter of the cylindrical section, and

wherein in the method a membrane filter operates the membrane filter device, and in the method the following relationship is satisfied

 $N\geq:22.8D/\{S(0.05JT-J'T')\}$ formula (4), where $S(m^3)$ is a membrane surface of the membrane module unit, J(m/d) is a filtration flux, T(h) is a filtration time, N (times) is a cycle number of discharged water, $D(m^3)$ is a drainage volume, J'(m/d) is a reverse flux, T''(h) is a reverse time.